

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

| | |
|-----------------------------|-------------------|
| Winter Rye - Organic | Carrington |
|-----------------------------|-------------------|

| Variety | Vigor ¹ 1-10 | Winter Survival % | Jday of Head | Early Height ² inch | Plant Height ² inch | Plant Lodge 0-9 | 1000 KWT gram | Test Weight lb/bu | --- Grain Yield --- | |
|----------|----------------------------|----------------------|-----------------|-----------------------------------|-----------------------------------|--------------------|------------------|----------------------|---------------------|------------------------|
| | | | | | | | | | 2018 ----- | 2-yr. Avg. ----- |
| Hancock | 5.5 | 67.5 | 151.0 | 12.2 | 43.4 | 2.5 | 30.5 | 53.4 | 66.6 | 68.8 |
| Spooner | 1.8 | 38.8 | 150.3 | 12.9 | 42.9 | 1.8 | 30.3 | 52.5 | 55.4 | 58.3 |
| Rymin | 8.5 | 93.8 | 152.5 | 11.1 | 39.9 | 1.8 | 34.0 | 54.7 | 74.7 | 79.2 |
| ND Dylan | 9.3 | 97.8 | 150.8 | 11.8 | 44.6 | 3.8 | 27.4 | 53.4 | 71.3 | 73.0 |
| Dacold | 8.0 | 88.5 | 156.0 | 11.7 | 45.5 | 4.3 | 26.7 | 51.8 | 66.8 | 69.8 |
| Aroostok | 6.3 | 72.5 | 146.3 | 14.4 | 43.4 | 5.0 | 22.8 | 52.5 | 47.0 | 46.4 |
| Hazlet | 8.8 | 91.3 | 152.5 | 11.9 | 39.7 | 2.0 | 33.5 | 54.4 | 76.0 | 77.6 |
| Wheeler | 1.0 | 32.5 | 157.5 | 10.9 | 47.6 | 0.3 | 35.7 | 46.9 | 22.4 | 23.1 |
| Brasetto | 8.8 | 95.0 | 152.8 | 10.8 | 33.4 | 0.0 | 28.9 | 52.5 | 85.5 | 84.0 |
| Mean | 6.7 | 77.6 | 151.5 | 12.2 | 42.4 | 2.5 | 24.4 | 52.5 | 62.9 | -- |
| C.V. (%) | 13.4 | 9.0 | 0.3 | 10.9 | 4.3 | 27.9 | 3.6 | 0.9 | 5.5 | -- |
| LSD 0.10 | 1.1 | 8.4 | 0.6 | 1.6 | 2.2 | 0.8 | 1.3 | 0.6 | 4.2 | -- |
| LSD 0.05 | 1.3 | 10.0 | 0.7 | 1.9 | 2.7 | 1.0 | 1.5 | 0.7 | 5.0 | -- |

Planting Date = September 22, 2017 ; Harvest Date = July 23 ; Previous Crop = Cover Crop (Field Pea, Lentil, Radish and Rapeseed)

¹ Vigor: 1 = worst and 10 = best

² Early height taken May 17 and plant height taken at harvest.